

Amendments to the Specification

Please replace the paragraph beginning on page 4, line 4 with the following rewritten paragraph:

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A -- In an alternative embodiment the present invention relates to a process for measuring and recording the thickness of an automotive trim panel material to generate a cross-sectional thickness profile comprising the steps of contacting a first surface of the material at a first position with an inductive sensor, contacting a second and opposite surface of the material with a metallic object, converting the output of the sensor into a value that represents the thickness of the material at said first position, contacting said first surface of the material at a second position with said inductive sensor, contacting a second opposite surface of the material at said second position with a metallic object, converting the output of the sensor into a value that represents the thickness of the material at said second position, and generating a cross-sectional thickness profile in said material as between said first and second positions.

Please also replace the paragraph beginning on page 4, line 16 with the following rewritten paragraph:

-- In yet a further alternative embodiment, the generated cross-sectional thickness profile is communicated to a controller which is in communication with a cutting assembly to cut said material to a desired thickness, wherein said controller adjusts the thickness of a cut into said material based upon said cross-sectional profile thickness in said material to provide a cut of desired thickness.